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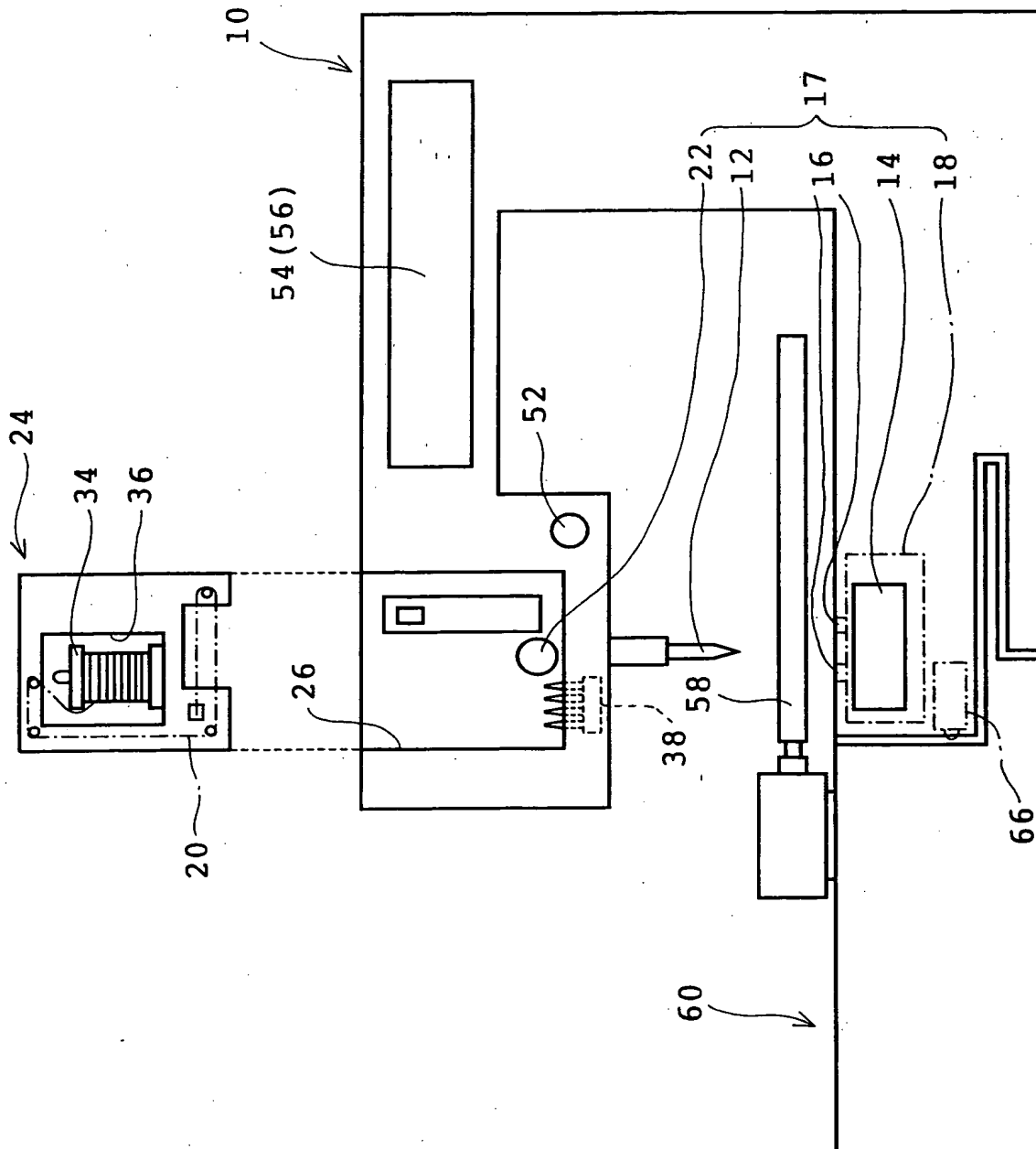
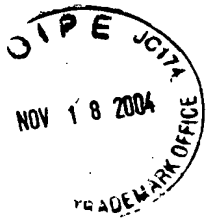


FIG. 1

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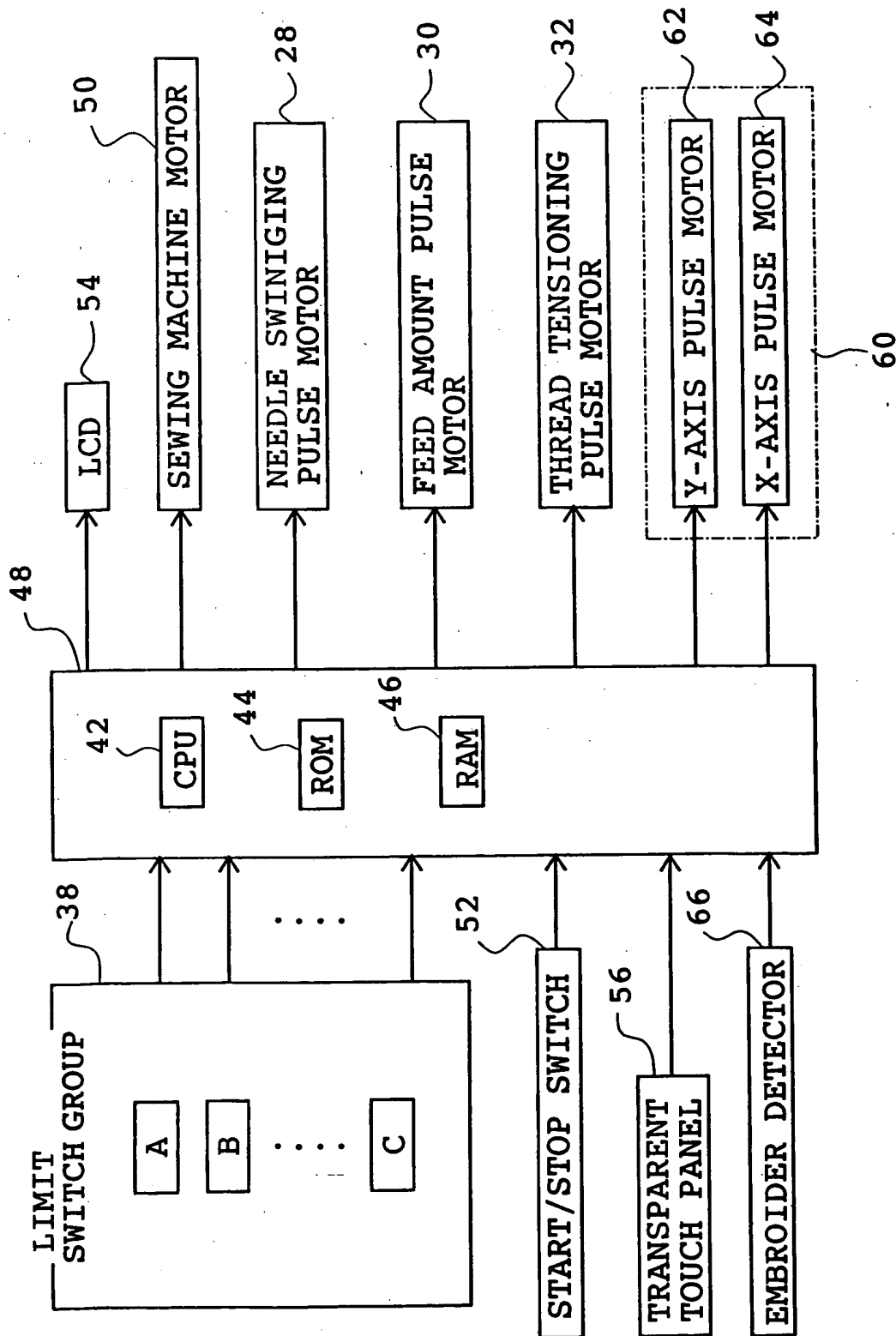


FIG. 2

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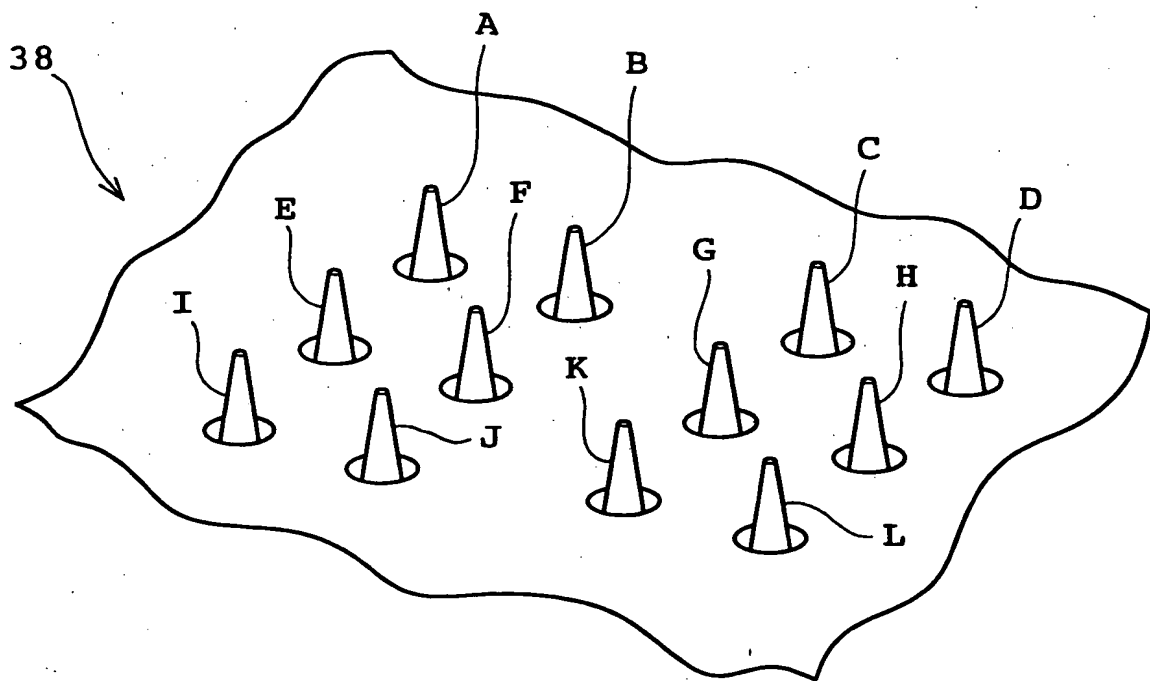


FIG. 3

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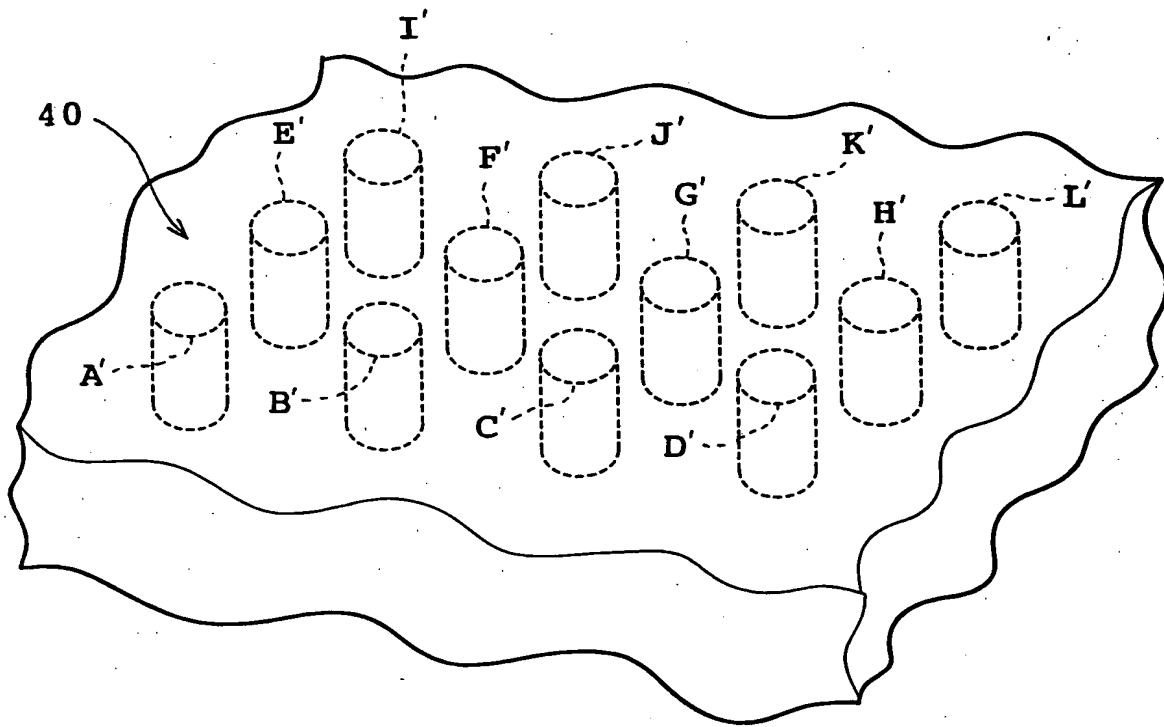
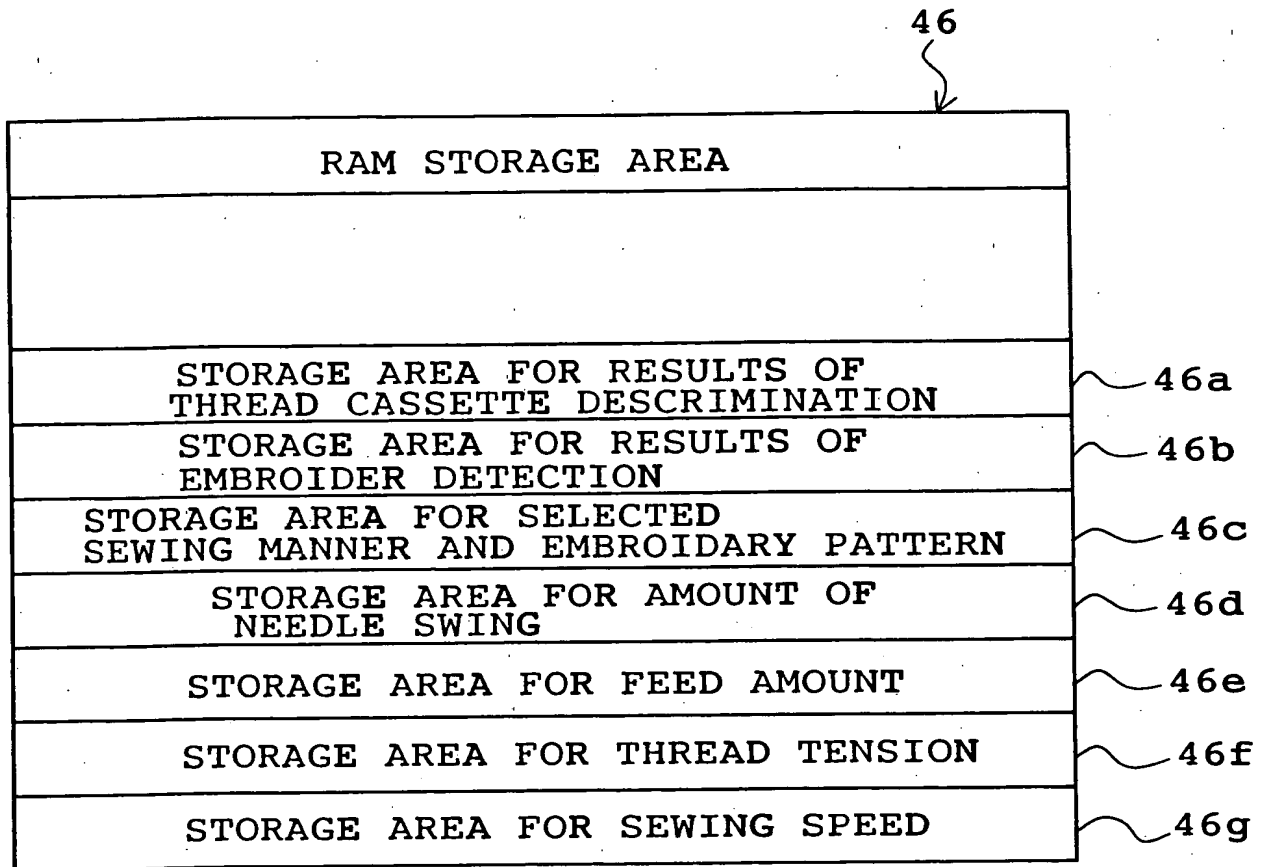
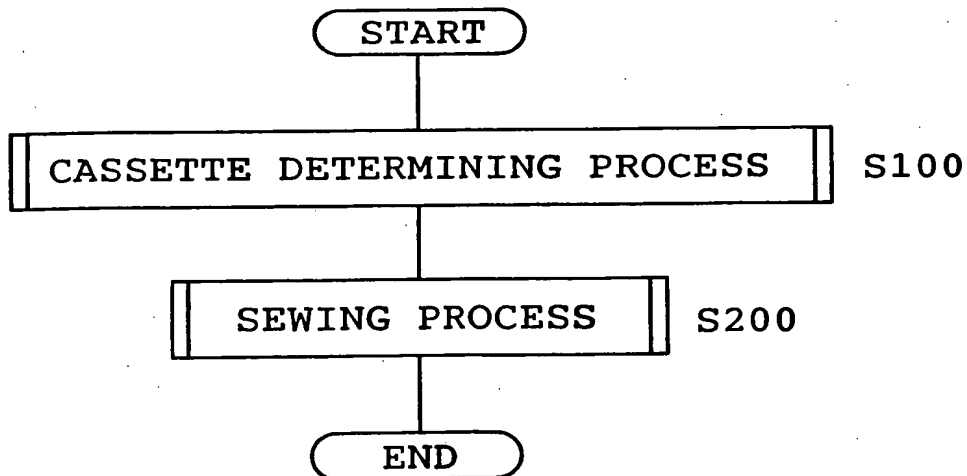


FIG. 4

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**FIG. 5**



**FIG. 6**

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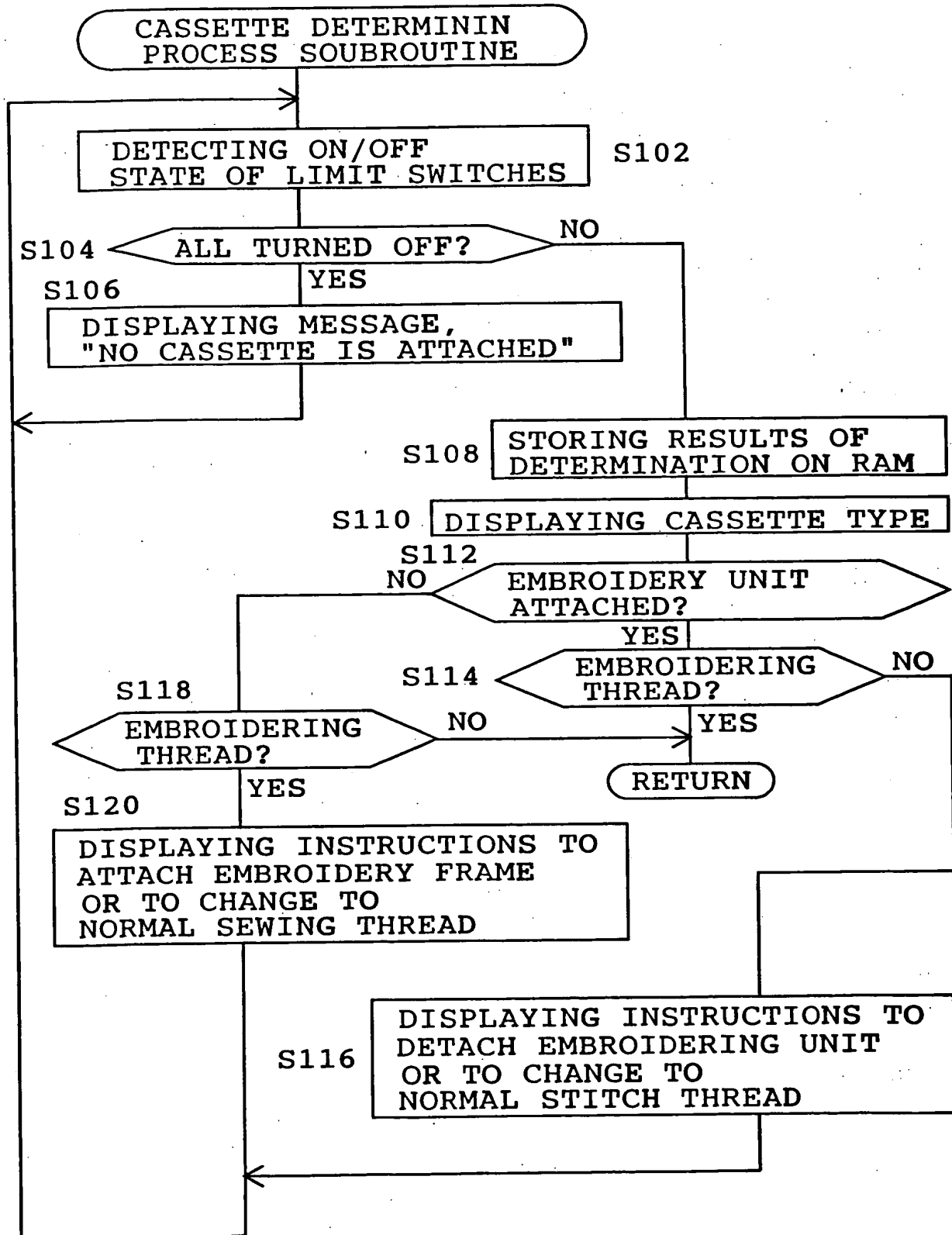
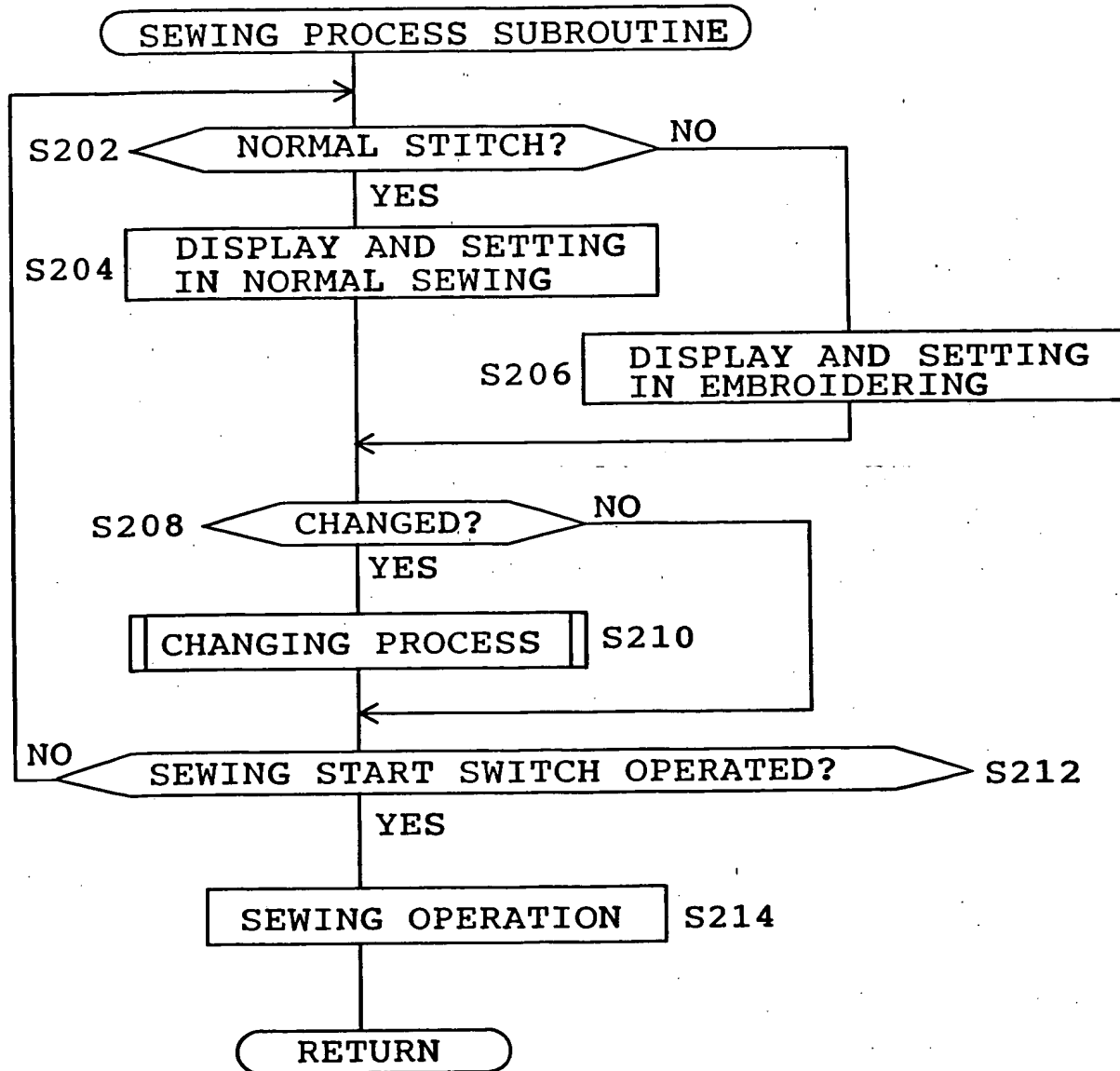


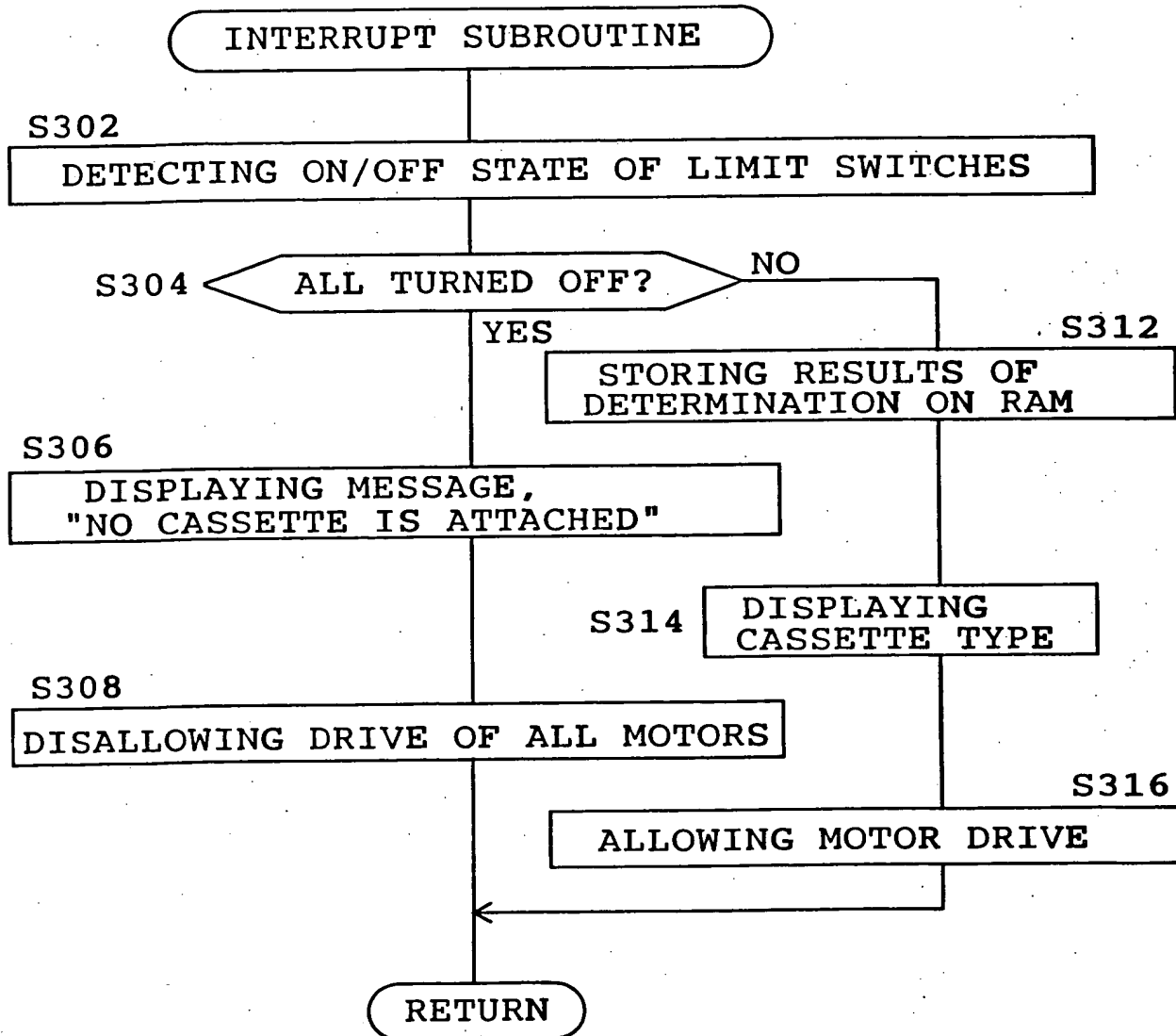
FIG. 7

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**FIG. 8**

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**FIG. 9**



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SEWING CONDITION	STATUS
	A
NORMAL	1
EMBROIDERY	0

**FIG. 10**

MATERIAL	STATUS		
	B	C	D
POLYESTER	1	0	0
COTTON	0	0	0
NYLON	1	1	0
SILK	0	1	0
RESILON	1	0	1
WAXING	0	0	1
-	1	1	1
-	0	1	1

**FIG. 11**

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THREAD THICKNESS	STATUS		
	E	F	G
#20	1	0	0
#30	0	0	0
#50	1	1	0
#60	0	1	0
#90	1	0	1
-	0	0	1
-	1	1	1
-	0	1	1

**FIG. 12**

THREAD LENGTH	STATUS
	H
1000M	1
300M	0

**FIG. 13**

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THREAD COLOR	STATUS			
	I	J	K	L
RED	1	1	1	1
PINK	0	1	1	1
ORANGE	1	0	1	1
BROWN	0	0	1	1
YELLOW	1	1	0	1
GREEN	0	1	0	1
BLUE	1	0	0	1
PURPLE	0	0	0	1
BLACK	1	1	1	0
WHITE	0	1	1	0
DARK BLUE	1	0	1	0
SKY BLUE	0	0	1	0
GRAY	1	1	0	0
BEIGE	0	1	0	0
-	1	0	0	0
-	0	0	0	0

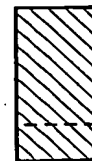
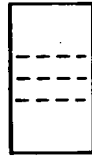
**FIG. 14**

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THREAD COLOR	COLORED THREAD CODE	STATUS											
		B	C	D	E	F	G	H	I	J	K	L	
ORDINARY BLACK	900	0	1	1	1	0	0	0	0	1	0	0	
DARK BLACK	100	0	0	0	0	1	1	0	0	1	0	0	
ORDINARY WHITE	1	0	0	0	0	0	0	0	0	0	0	1	
DARK WHITE	2	0	0	0	0	0	0	0	0	0	1	0	
ORDINARY RED	800	0	1	1	0	0	1	0	0	0	0	0	
DARK RED	149	0	0	0	1	0	0	1	0	1	0	1	
ORDINARY PINK	85	0	0	0	0	1	0	1	0	1	0	1	
DARK PINK	155	0	0	0	1	0	0	1	1	0	1	1	
ORDINARY DEEP PINK	86	0	0	0	0	1	0	1	0	1	1	0	
DARK DEEP PINK	24	0	0	0	0	0	0	1	1	0	0	0	
ORDINARY ROSE	124	0	0	0	0	1	1	1	1	1	0	0	
DARK ROSE	152	0	0	0	1	0	0	1	1	0	0	0	
ORDINARY MAGENTA	107	0	0	0	0	1	1	0	1	0	1	1	
DARK MAGENTA	126	0	0	0	0	1	1	1	1	1	1	0	
ORDINARY VERMILION	30	0	0	0	0	0	0	1	1	1	1	0	
DARK VERMILION	148	0	0	0	1	0	0	1	0	1	0	0	
ORDINARY CRIMSON	807	0	0	1	0	0	1	0	0	1	1	1	
DARK CRIMSON	158	0	0	0	1	0	0	1	1	1	1	0	
ORDINARY DEEP PURPLISH RED	869	0	0	1	0	1	1	0	0	1	0	1	
DARK DEEP PURPLISH RED	636	0	0	0	0	1	1	1	1	1	0	0	
ORDINARY PURPLISH RED	620	0	0	0	0	1	1	0	1	1	0	0	
DARK PURPLISH RED	625	0	0	0	0	1	1	1	0	0	0	1	
ORDINARY SALMON PINK	79	0	0	0	0	1	0	0	1	1	1	1	
DARK SALMON PINK	122	0	0	0	0	1	1	1	1	0	1	0	
:	:	:	:	:	:	:	:	:	:	:	:	:	
:	:	:	:	:	:	:	:	:	:	:	:	:	

FIG. 15

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TYPE OF NEEDLE THREAD	SEWING CONDITION	RECOMMENDED	
		SET VALUE	RANGE
USAGE: NORMAL	NEEDLE SWING AMOUNT :	2	(1 ~ 2)
MATERIAL: COTTON	FEED AMOUNT :	3	(2 ~ 5)
THICKNESS: #30	THREAD TENSION :	2	(1 ~ 4)
LENGTH: 300M	SEWING SPEED :	300	(200 ~ 300rpm)
THREAD COLOR: BLUE			

FIG.16

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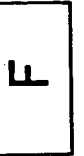
TYPE OF NEEDLE THREAD		SEWING CONDITION		SET VALUE	RECOMMENDED RANGE
					
USAGE: EMBROIDERING		NEEDLE SWING AMOUNT :		0	( 0 )
MATERIAL: POLYESTER		FEED AMOUNT :		0	( 0 )
THICKNESS: #20		THREAD TENSION :		1	( 1 ~ 2 )
LENGTH: 1000M		SEWING SPEED :		150	( 100 ~ 150rpm )
THREAD COLOR: RED					

FIG.17